

Lin-Hendel et. al. v Saudi Aramco et. al.

Exhibit 3:

Plaintiff Dr. Lin-Hendel Patent Portfolio.

(A total of 10 pages)

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Exhibit 3: Catherine Lin-Hendel Patents

Go to: www.USPTO.gov or www.freepatentsonline.com; enter a patent number to access and obtain the specifications and claims of the patent

Pink highlight indicates known Chinese infringements, Gray highlight indicates Infringement known but not yet investigated

Pink-Highlighted: Patents Infringed by Chinese Companies and Government Organizations**Automated Scrolling, Automated Change of Content**

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
7,308,653; 7,712,044; 8,108,792; 8,850,352; 9,053,205;	Yes	Automated scrolling of browser content and automated activation of browser links;	12/11/2007; 5/4/2010; 1/31/2012; 5/24/2012	Infringed by almost every significant company and website in the world. A Short-List includes: 中油 (China Petroleum), 中石化 (China Petrochemical), 中国建筑 (China Construction), 中国银行 (Bank of China), 中国建设银行 (China Construction Bank), 中国工商银行 (China Industry and Commerce Bank), 中国农业银行 (Agriculture Bank of China), 清华控股 (Tsinghua Holdings), 清华紫光 (Tsinghua Unigroup), 华为 (Huawei Group), 阿里巴巴 (Alibaba Group), 万达集团 (Wanda Group), 百度 (Baidu), 网易 (Net Ease), 新浪 (Sina Group), etc.; Aramco.com; US: house.gov, apple.com, amazon.com, motorola.com; many more and increasing	An automatic scrolling (moving, changing) mechanism converts the displaying of an information repository into media that can actively present and "push" information to the users/viewers while retaining existing "pull" and...
9,405,852;	Yes	Automated Changing of Content Set Displaying in the Display Screen of a Browser and Automated Activation of Links Contained in the Displaying Content Set;	August 2, 2016		An automatic scrolling (moving) or automatic changing mechanism dynamically converts the displaying of an information repository into media that can actively present and "push" information to the users/viewers while retaining existing "pull" and enabling the information user to access further detail and related information related to the displayed auto-scrolled or auto-changed information.

10,296,198	Yes	Automated Changing of Content Set Displaying in a Designated Display Area of a Webpage Displaying on a Display Screen of A Browser	May 21, 2019	Sam as above	
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Short-Cut/Access Icon Vault

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
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6,983,425 B2	Yes	Short-Cut Icon Vault;	1/3/2006	Infringed by OS makers Apple, Google, Microsoft, most Computer and Smart Phone Makers, telecom, apps providers, including: Huawei, Shiao mi, Samsung, HTC, Apple, China Telecom, China Mobile, AT&T, Google, and many others.	A system and method for organizing and layering short-cut/Access icons according to category, using a single categorical access icon and layer individual access icons under it, for easy access and to reduce clutter and confusion.
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Personalized Online Shopping

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
7,328,177B1	Yes	System and method for interactive, computer-assisted personalization of on-line merchandise purchases;	2/5/2008	Infringed by Master Card, Netflix, Amazon, MSN Shopping, Yahoo Shopping, and many other e-commerce sites.	

Interactive Online Auction

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
7,542,920		System for interactive computer-assisted on-line auctions	6/2/2009		
10282779	14/271,366		5/7/2019, 5/6/2014		

Interactive computer assisted object presentation

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
8,204,801	Yes	System and method for interactive, computer-assisted object presentation	6/19/2012	Infringed by almost all US e-Commerce sites.	
10,019,753	Yes	System and method for interactive, computer-assisted object presentation		Infringed by almost all US e-Commerce sites.	

One Click Navigation

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
8,438,487	Yes, 1000	Method and System for one click navigation and browsing of electronic media and their category structure as well as tracking the navigation and browsing thereof;	5/7/2013	Infringed by several US companies and websites, including SouthWest Airlines	An Active and Dynamic browsing history string enables users to jump to any page in a website or a document.

Virtual Reality

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
7,574,381; 7,899,719; 8,433,616	Yes	System and Method for constructing and displaying active virtual reality cyber malls, show rooms, galleries, stores, museums and objects within;	8/11/2009; 3/01/2011; 4/30/2013;	Infringed by Oculus, Facebook, and more...	
9,870,587 15/583,361 10,115,150			1/16/2018 10/30/2018	Infringed by Oculus, Facebook, and more... Infringed by Oculus, Facebook, and more...	

List Shopping

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
8,195,573	Yes	System and Method for List Shopping over a computer network;	6/5/2012	presently infringed by Netflix; however, this will become the way Internet shopping is done in the near future and the level of infringement will increase.	

Motion Picture e-Commerce

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
9,508,097		Method and System to Conduct Electronic Commerce through Motion Pictures or Life Performance Events.	11/29/2016	This patent will be very big. It will be the way movies/videos/entertainment is shown. Merchandize, clothes, jewelry, cars, places, and services shown in the media can be made available for personalized purchase online	Systems and methods for enabling a viewer of a motion art form to select an object of interest from within the motion art form are disclosed. The system includes a computing device configured to...
10,204,371, US20170046772		Method and System to Conduct Electronic Commerce through Motion Pictures or Life Performance Events.	1/2/2019; Filed 10/	This patent will be very big. It will be the way movies/videos/entertainment is shown. Merchandize, clothes, jewelry, cars, places, and services shown in the media can be made available for personalized purchase online	Systems and methods for enabling a viewer of a motion art form to select an object of interest from within the motion art form are disclosed. The system includes a computing device configured to...

e-Card e-Commerce

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
US 14/216,837		Method and System for Conducting Electronic Commerce, Gifting, and Invitation Through Electronic Greeting Card and Greeting Video	Filed 3/17/2014;		

Dynamic In-Situ Interactive Instructions

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
9,645,725	Yes	Dynamic In-Situ Interactive Instruction	Apr-17	Application # 15/226611, filed 8/2/2016; Patent issued on May 9, 2017.	A method and mechanism to display critical instructions in-situ and interactively for how to use a website, a document, or an operational manual of a system, while the information displayed on the webpages/documents/manual maybe moving or moved, the relevant instructions are displayed in a floating and present box independent of the background information.

Operating System, Computers, Smart Phones, Networks; and the Protection of the Above**Short Cut Icon Vault**

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
6,983,425	Yes	Short-Cut Icon Vault;	1/3/2006	Infringed by Apple, Google, Microsoft and most Computer and Smart Phone Makers	A system and method for organizing and layering short-cut icons and other icons on various layer of Desktop Screen or Home Screen of an electronic display device utilizing a virtual filing cabinet for storing the icons to reduce clutter and confusion on large electronic device screens, and enable organized storage of the icons to be accessed at will in layers for smaller device display screens.

Computer and Network Protection against Cyber Threats

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
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9,501,645

System and Method for the Protection of Computers and Computer Networks against Cyber Threats;

This protection have nearing Zero risk of been hacked or infected through a network. As small IC processor hardware becomes cheaper, this protection method is becoming cost effective and affordable.

System and methods for protecting against cyber threats through a hardware cell layer separated from a body of a computer and/or a network of computers are disclosed. The connection from the protective cell layer is only made to the core when incoming data are thoroughly examed and passed as safe to forward to the body of computer or a network of computers.

10,116,690 app
15/290,416

System and Method for the Protection of Computers and Computer Networks against Cyber Threats

Issued 10/30/2018

This protection have nearing Zero risk of been hacked or infected through a network. As small IC processor hardware becomes cheaper, this protection method is becoming cost effective and affordable.

The system includes an external network accessing layer (ENAL) and a core computing asset overlaid by the ENAL. The ENAL comprises at least one external network access cell (ENAC), wherein the at least one ENAC contains at least one communications port, one or more processors, working and storage memories and is configured to be connectable to an external network and to inspect data received from the external network. The core computing asset is separated from the external network by the overlayer by the ENAL while an incoming access attempt and/or data is examed.

Medical Device

Patent # or Application #	Infringement ?	Title	Issue Date	Comments
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Abstract

7,167,752	Yes, Chinese	Electronic Electrical and Electro-magnetic Health Enhancement and Stimulation Device.	1/23/2007	Infringed by a large number of Chinese makers of electro-stimulators imported to the US.
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An electronic acu-point therapy aide and stimulating device implemented using a hand-held or palm-held electronic computing device or another computing device which may be a designated unit. The electronic acupressure aide and stimulating device allows a practitioner to apply a pulse sequence to a set of predetermined acu-points such as those related to acupressure, acupuncture, trigger points or Jin-Shin Jyutsu, to name a few. A displayed chart related to the acu-points identifies the health condition and the pulse sequence.

Environmental Protection and Improvement**Hydrocarbon/Oil Well Safety**

Patent # or Application #	Infringement ?	Title	Issue Date	Comments
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Abstract

9,057,243	Yes	Enhanced hydrocarbon well blowout protection.		problem of the infamous British Petroleum (BP) in the Gulf of deep sea oil well exploitation which resulted in wildly gushing oil and methane gas at the well head on the ocean floor. A Deep Sea Drilling Petro Consortium has at the mean time implementing some other aspects of this invention.
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9,645,725	Yes	Enhanced hydrocarbon well blowout protection.	4/18/2017	Application # US 14/740399, filed 6/16/2015; Patent issued 4/18/2017
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9,881,705	Yes	Enhanced hydrocarbon well blowout protection, Continuation 1		Application # US 15/213,025 filed 7/18/2016 Patent issued 1/30/2018
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a small part of this invention was used to solve the problem of the infamous British Petroleum (BP) in the Gulf of deep sea oil well exploitation which resulted in wildly gushing oil and methane gas at the well head on the ocean floor. A Deep Sea Drilling P

9,903,179	US Yes	Enhanced hydrocarbon well blowout protection, Continuation 2	2/27/2018	
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10,113,382		Enhanced hydrocarbon well blowout protection, Continuation 3	10/30/2018	Issued
15/893,975			10/11/2016	Applied

Water Reclamation

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
9,517,946		Method and System for Water Reclamation, Purification, and Reuse for Residential, Commercial, and Agricultural Applications.	12/13/2016		
15/349257		Method and System for Water Reclamation, Purification, and Reuse for Residential, Commercial, and Agricultural Applications.	Filed		

Nuclear Reactor Safety, Explosion Prevention and Fire Extinguishing Using Liquid Nitrogen

Patent # or Application #	Infringement ?	Title	Issue Date	Comments	Abstract
9,396,822	Yes	Emergency & Back Up Cooling for Nuclear Reactors.	7/19/2016	<p>I used this invention to save Japan from having to evacuate Tokyo, and having a large part of Japan become uninhabitable as the Fukushima Daichi Nuclear Power Plants were having chain explosions. It was this invention that stopped the explosions and quickly cooled the reactors. The Japanese Cabinet Secretary at the time told me that the Japanese Government had many hundreds of Japanese nuclear scientists working on finding a solution, and the world had thousands helping, but no solution was in view, and Japan was evacuating Tokyo if I had not called him to give him my solution to that disaster. This was later confirmed in a book the Prime Minister wrote of the events. Only the Prime Minister stated that un-exepectedly, God stepped to help the Japanese people. What he was really saying, is that God sent me to stepped in to help the Japanese people.</p>	
9,881,705 15/213,025	Yes	Emergency & Back Up Cooling for Nuclear Reactors and Fire-Fighting without Using Water	Filed 7/18/2016	Divisional Claims on the Fire Fighting Aspects.	<p>Nitrogen is inert. It does not react with anything. When Liquid Nitrogen meets heat, it rapidly changes phase to gas, expanding tremendously in volume, dilute any combustion gases and stave a fire and/or pending fire and explosions of oxygen, thus put out the fire and prevents explosion.</p>